

PHILMONT *Mobile* RADIO CLUB INC.

The **B L U R B**

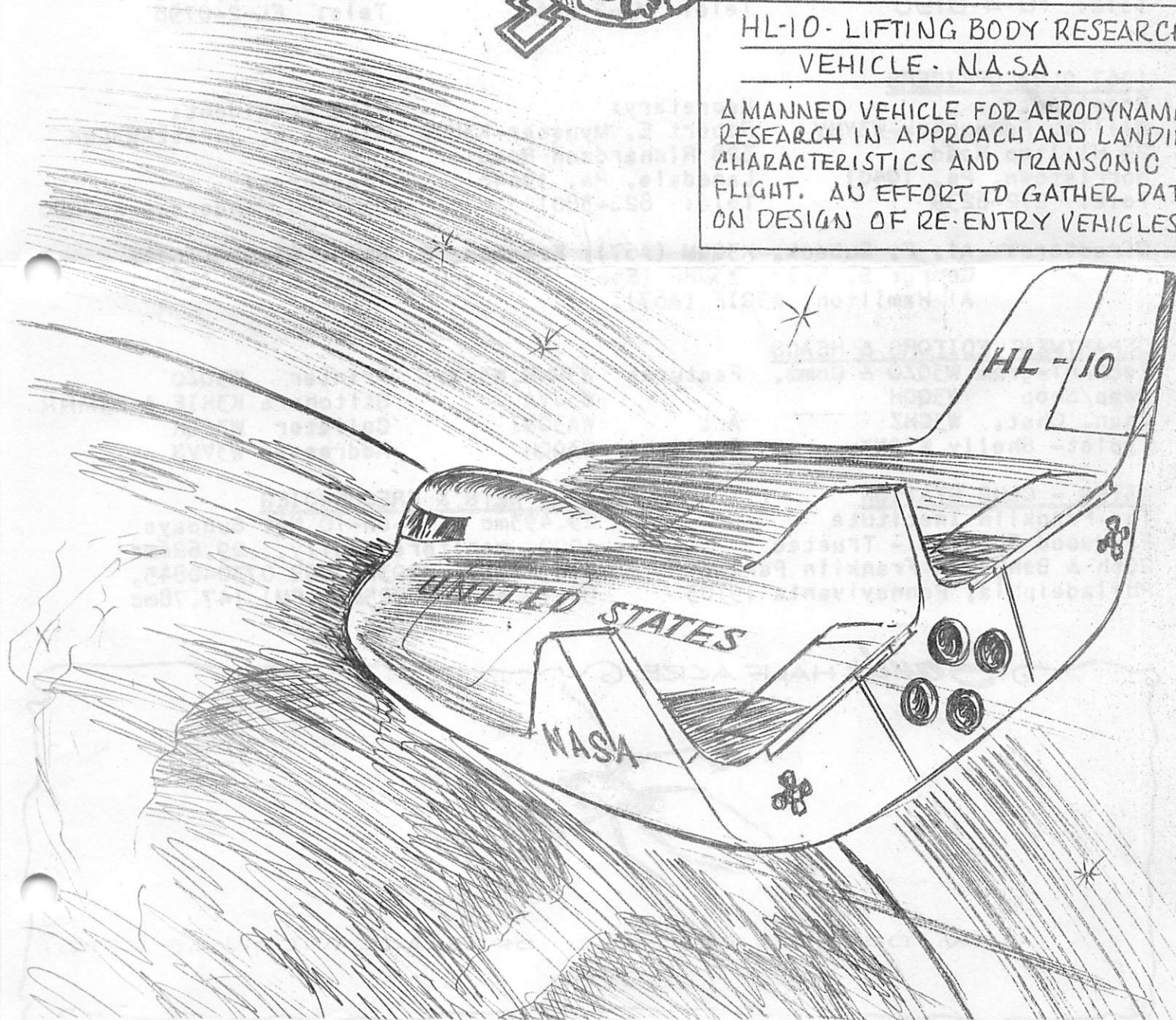
7 AREA
MEMBER

September
1967



HL-10 - LIFTING BODY RESEARCH VEHICLE - N.A.S.A.

A MANNED VEHICLE FOR AERODYNAMIC
RESEARCH IN APPROACH AND LANDING
CHARACTERISTICS AND TRANSONIC
FLIGHT. AN EFFORT TO GATHER DATA
ON DESIGN OF RE-ENTRY VEHICLES.



The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting, and educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: All material must be in the hands of the Department Editor before the 15th, as the BLURB is mailed on the last Monday of each month.

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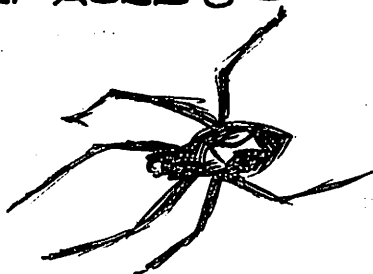
W3TKQ - CLUB STATION

The Franklin Institute
Fredwood S. Shaw - Trustee
20th & Benjamin Franklin Parkway
Philadelphia, Pennsylvania 19103

CLUB NETS & FREQUENCIES

29.495mc - 10-on-10 Net Sundays
1000, monitored daily, 29.626mc
2nd Freq., 3993kc 888 0730-0845,
50.70 and 52.525mc (FM) 147.78mc

Sau's HALF ACRE G



HOW DO YOU GET RID OF BLACK WIDOW SPIDERS?
"CNI"

THE PREZ SEZ:

The "Red Truck" has passed away, leaving our well appointed Comm-Trailer without support or the pull to go. The Comm-Vehicle Committee has been investigating the best route to go to give us the most for our Comm-Center Dollar and facts and figures show that we can turn the Trailer into a nice piece of cash which can be invested in a presentable Bus type vehicle to put us back on wheels.

The Financial part of this venture is well within the Club's capabilities and can be handled without raising the dues or going broke.

The brightest part of the whole deal is we will have a hot new project with Uncle QQH ready to charge aboard and refurbish a new unit in a manner that will outshine the present trailer.

We are going to make a test run with the Bus real soon, join us to see if we are getting a good deal.

de W3YHV

IT SEEMS TO ME

Now that summer is officially over, no doubt club activity will pick up. There are several interesting projects in the offing, the new comm vehicle, the banquet and of course, more time for DXing or Channel 1 gabbing, as suits your fancy.

The officers and committees are more than willing to consider any program or project which will be of interest, but they can not guess at the desires of the members. Let your wishes be known and offer to help - you will be amazed at how much fun you have.

We can always use material and help for the BLURB. Write an article, draw a picture, or come to BLURB folding. We will welcome you with open arms! Don't just be a member of Phil-Mont - join in and be a Phil-Monter.

de K3KUD

PHIL-MONT CALENDAR FOR SEPTEMBER

Monday	Sept. 4	Labor Day - have a safe weekend	
Monday	Sept. 11	Regular Meeting - Franklin Institute	8:00 PM
Wednesday	Sept. 20	Mid-month meeting at W3VVS	8:00 PM
Monday	Sept. 28	BLURB folding at W3QQH	7:30 PM

CLUB NEWS AND ACTIVITIES

The Regular Meeting was held on August 7 at the Franklin Institute. Brief progress reports from the Banquet, Comm Truck, and Activities Committees were heard and discussed. Following the business portion Bill Bubeck, W3YHV, and Al Bubeck, K3GNM, presented a demonstration of the effect on indicated SWR of varying lengths of coaxial feed-line with several different terminations. This demonstration was planned to provide a preliminary to the September program which will be presented by Al Bubeck. Al will discuss the use of Smith Charts in correcting antenna impedance and the addition of inductance and capacitance to obtain the desired characteristics.

At the conclusion of the meeting, which was attended by 46 persons including 8 visitors, Al Hamilton, W3GIF, provided refreshments in his usual fine style.

Ernie Juliani, W3DSG, has resigned as Senior Net Control Operator and his former duties have been assumed by Dick Klein, W3WXC.

Please keep in mind the fact that the deadline date for BLURB material is the 15th of the month preceding the issue. Since there are four steps involved in the preparation of each issue (editing, typing, printing and folding) a delay of even one day at any point can upset all the following schedules.

Don't forget the Annual Banquet on Saturday, November 11. The location will be The Alpine Inn, Springfield, Pa. and a choice of either lobster or beef is available. Tickets are \$7.50 per person and are available NOW. Use the convenient order blank which appears elsewhere in this issue.

MEMBER APPLICATIONS

Edward J. Jars, K3TKZ
921 E. Godfrey Ave.,
Philadelphia, Pa.
Phone: H: JE3-8701
B: CU9-0100

XYL-Lillian

Employed by: Pennsalt Chemical Corp.
Sponsors: W3CDY; W3NIP

Frederic M. Bauer, WA3DMR
320 Bellaire Ave.,
Fort Washington, Pa. 19034
Phone: H: MI6-1108
B: WA5-0100

XYL-Jane

Employed by: N. W. Ayer and Son
Sponsors: W3DSG; K3HIE

The annual canoe races were held on Saturday and Sunday, August 12 and 13. Unfortunately, no detailed report has been made available to the Editor, but all indications are that a good time was had by all. As with any activity of this type, each operation teaches us something and contributes toward an even better try next time. Prez Bill Bubeck, who was present at the races, will make every effort to have all available information documented, with both good and bad details noted, in the hope that next year all the "bugs" can be eliminated. This appears to be an excellent approach and should help next year's committee. Congratulations and thanks to the fellows who did the job this year and turned in a fine performance,

Bob Cox, K3CEE, is off to school again after what seems to be a very short time at home. Bob will listen on 75 meters when the press of school work permits.

ORDER BLANK

ORDER BLANK

ORDER BLANK

ORDER BLANK

Name: _____ Call _____ No. Tickets _____

Address: _____ Menu Choice (Number of each)

Lobster _____ Beef _____

Send the above to R. Klein, W3WXC, 7 Louella Drive, Norristown, Pa. with a check payable to Phil-Mont Mobile Radio Club. (\$7.50 per person)

Somewhat belatedly we note that Dr. W. Laurence LePage, better known to Phil-Mont as W3QCV, has been succeeded as President of the Franklin Institute by Dr. Athelstan F. Spilhaus.

Laurence will continue as chairman of the board of the Institute and will remain as the chief executive officer. We wish Laurence the very best in his new post, and welcome Dr. Spilhaus with the famous phrase "come up and see us sometime".

The South Jersey Radio Association will sponsor its annual Hamfest on 24 September at Molia Farms, Malaga, New Jersey. Rain date is 1 October. Advance registration for non-members is \$2.00 with 16 September the deadline. General admission at the gate is \$3.00. One ticket covers the entire family.

The day's activities will include transmitter hunts, swap shop, games and swimming for the children, OM and XYL door prizes.

Advance registrations are being handled by Joe Duffin, W2ORA, 247 Kings Highway West, Haddonfield, New Jersey, 08033. Telephone 428-5759. Checks should be made payable to SJRA. In case of rain or doubtful weather, listen on 3/840 mc, 145.2 mc and on 6 meters at 9:00 AM EDST.

A Hamfest will be held at the Adams County Fair Grounds, Abbotstown, Pa. on 3 September. Registration is \$2.00 (at the gate) and XYL and children are free. There will be Bingo for the ladies, a transmitter hunt, QSL contest, auction and favors for the children. There are ample accommodations for picnic lunches and refreshments will be for sale on the grounds.

The recently issued Voice of America commemorative stamp makes a nice addition to QSL's being sent to foreign stations, especially if all your Amateur Radio stamps are gone.

Each month Ye Olde Ed receives a great many exchange publications from which he shamelessly pirates material. After the stealing is completed Ye Ed would be happy to pass these publications along to anyone who might be interested in reading them. Just let any of the BLURB staff know and they will be made available.

Does anyone else get the feeling that Heath Company just isn't giving the amateur service the interest that they once did? Maybe they have forgotten just how much the hams have contributed to the growth of Heathkits.

TID-BITS

The week of October 23rd has been tentatively set for Civil Defense Week in the Philadelphia area. It is expected that the Emergency Operating Centers will be open; sort of an Open House. It is also expected that we as radio operators will handle some traffic. Further information on this subject will be forthcoming from E. W. (Woody) Haldeman, W3PST, Radio Officer/EC.

Amphenol Corporation has announced a new coaxial cable with a sheath of solid aluminum foil which reportedly has a higher performance than existing cables.

The cable is equal in size to the RG59/U cable, and on shielding tests was rated 80 to 90 db down compared to 30 db down for the standard RG59/U.

Amphenol said the new cable, called the BC-59, is 30% lighter, and has a 5% better attenuation performance than RG59/U. Cost for the BC-59 is 30 to 40% higher than for standard RG59/U cable.

Some time ago the case of an amateur who signed for Technician or Novice exam papers and then failed to return them, was reported. Docket 17325 is an FCC Order to show cause why the license of W4GNL should not be revoked for failure to return Technician Class papers.

It is worthy of note than when an amateur signs up for exam papers, he thereby incurs the responsibility to see that they are properly handled, and if they are not, his license is subject to revocation.

(Auto-Call)

Thanks to Andy, KØNL, for getting me back on the Auto-Call mailing list. I always enjoy the material and find the idea of the Anderson-Williams Loafing Corporation intriguing.

(Ed)

NEW PUBLICATION

Howard W. Sams & Co. announces a new revision of "101 Ways to Use Your Ham Test Equipment". The book covers the use of VOM, VTVM, oscilloscope, dip-meters, antenna impedance meters, SWR/reflected power meters, and test-equipment accessories.

The uses explained range from the most basic to the more involved and imaginative. Yet explanations are concise and easy to follow. Proper test set-ups are described and test evaluation methods are explained.

Cost of the publication is \$2.95. Catalog No. is 20566 and the book is available at bookstores and electronics dealers.

SWAP AND SHOP

For Sale: Meissner Model EX Signal Shifter, bandswitching 80 thru 10,
6V6 oscillator, 807W final. TVI suppressed.

Buffer/Final PP 815 amplifier. 8-3/4" rack-mount.

EICO Model 762K CB Transceiver, 12vdc/110vac, presently
on 29493 xmit, tuneable receiver on 10 m.

Contact H. P. Bohlander, W3VVS
TU6-8666

Swap: HE45 B w/separate VFO for Johnson Messenger

Contact Russ Miller, K3NYN
MA6-4400

For sale: Complete 90 watt rig. 6V6 oscillator, 812 final, PP 6L6
modulator, all power supplies. UTC components.

Contact H. P. Bohlander, W3VVS
TU6-8666

Wanted: Type 5894 dual tetrode transmitting tube in good condition.

Contact G. A. Baldauf, W3JKH
678-3980 or 929-7694

For sale: 10 meter receiver, ARC-5 conversion. Rack-panel mounted.
Tuneable thru entire band. 110vac p/s/ \$25.00

Contact R. G. Schmilewske, K3KUD
TU4-0190

For sale Six meter Telrex beam, 6 element wide-spaced. 24' boom
In good condition. \$20.00

Contact Robert Jensen
8 Heather Lane
Reading, Pa.

SCIENTIFIC STUFF

New Transistor: A new silicon power transistor is rated at 250 amps and 625 watts. It is able to provide more than double the current handling capacity of previous transistors. Saturation voltage is 2.5 at 250 amps collector current. Cutoff frequency is 1 mhz.

Radiation Generator: An 800 watt continuous wave CO2 gas laser is being used to cut, machine and melt ceramic quartz, glass and other refractory materials. The laser emits a beam of 10.8 micron wavelength in infrared. Radiation of this wavelength has only shallow penetration and cannot damage the eye. With a special lens this can be concentrated on a spot $1/10 \text{ mm}^2$.

Satellites: Explorer I launched into orbit 2/1/58 is still in orbit at 800 miles average altitude, but not transmitting.

Vanguard I launched into orbit 3/17/58 is also still in orbit at 1500 miles average altitude. It also has stopped transmitting.

Echo II launched 1/25/64 is still in orbit and visible on a north-south path at 1000 miles altitude and is transmitting on 136.019 and 136.170 mc.

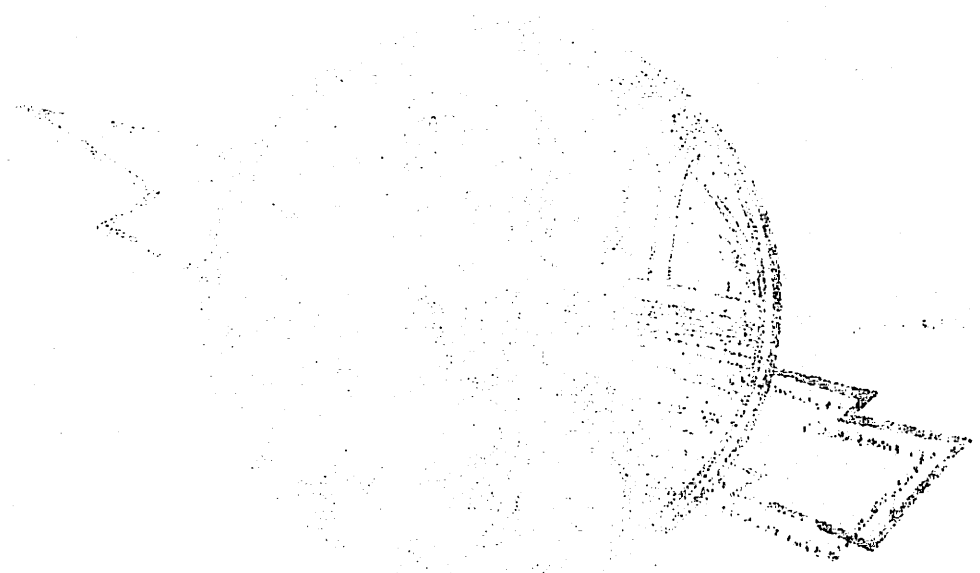
Oscar III launched 3/9/65 is still in orbit at 900 miles, but not transmitting. Oscar IV launched 2/21/66 also still in orbit but not transmitting.

QST QST QST QST QST QST QST QST QST QST QST

Sam's Corner this month is not meant to be humorous. Sam, WA3CNI, has a real problem with Black Widow spiders invading his house. If anyone can offer a suggestion on getting rid of these dangerous pests, Sam would be grateful.

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FOR COUNCIL HAS
C. H. BRIDGE 31. 1940

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North Hills, Pa. 19038

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